

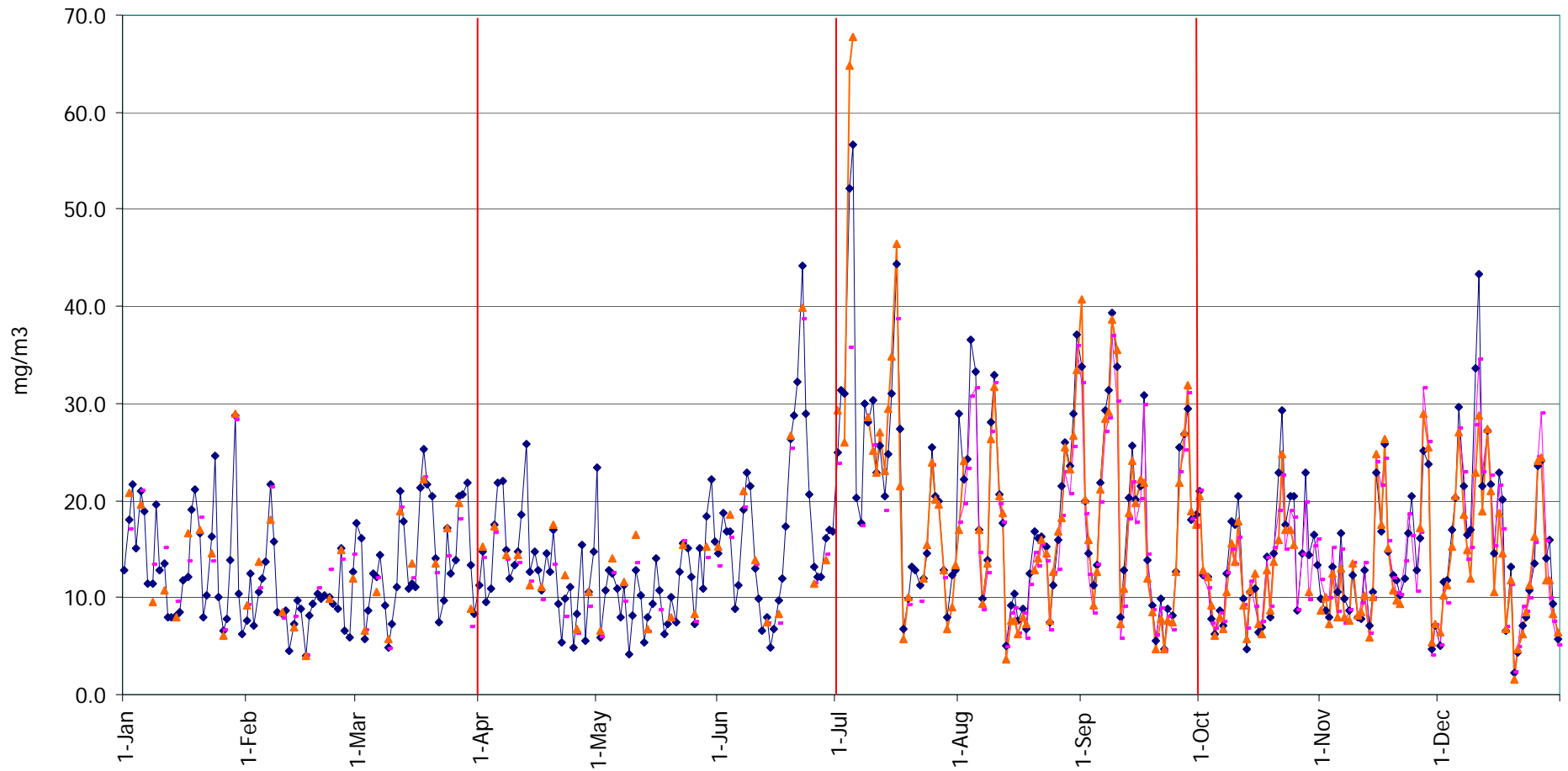
# Which Periods or Episodes to Model?

## Options for the annual PM<sub>2.5</sub> NAAQS...

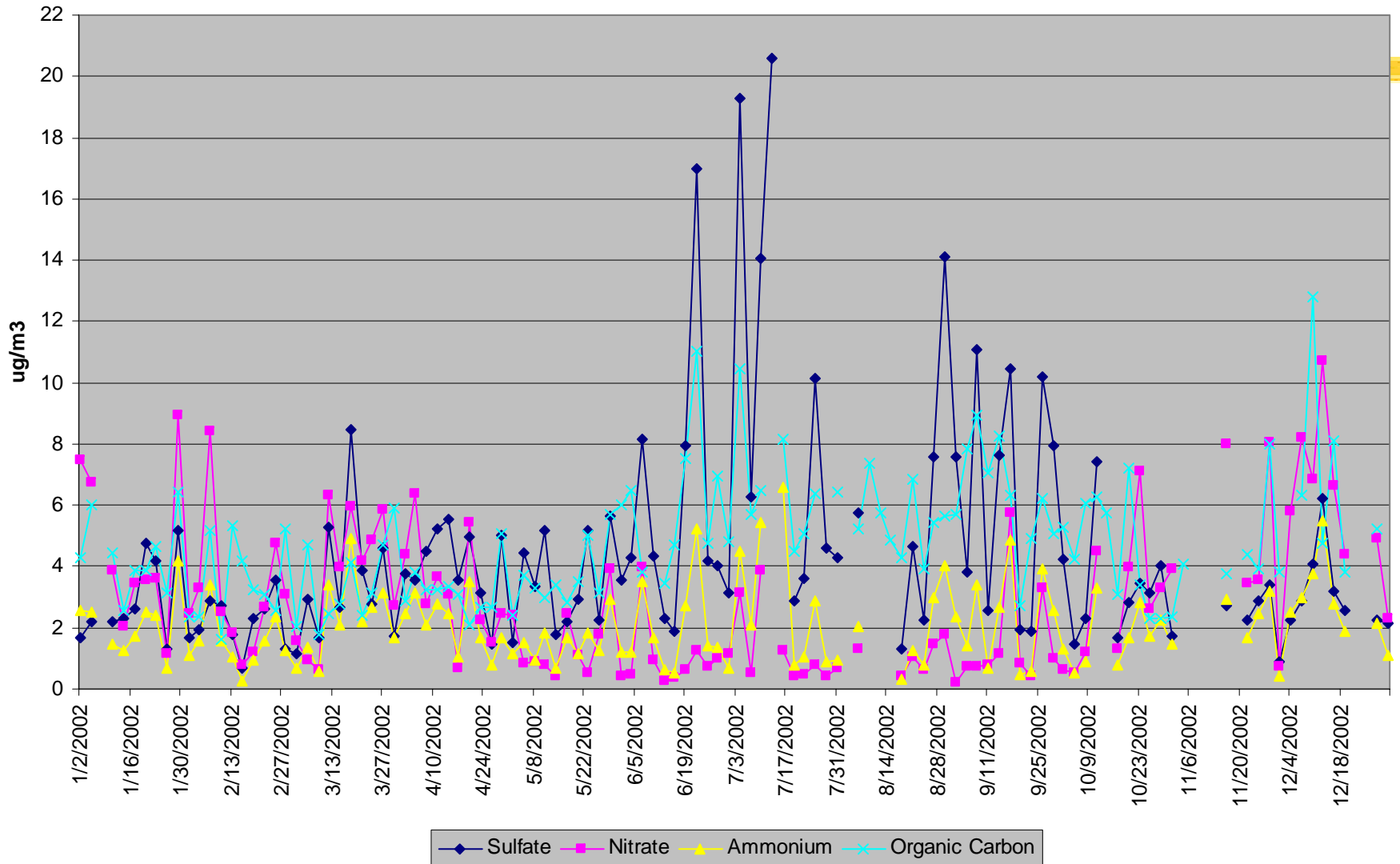
1. Use a single, representative year for applications requiring use of a photochemical grid model.
2. Consider at least 15 days/quarter. Fewer days/quarter may be acceptable if justified on a case by case basis.
3. Identify major classes of meteorological conditions occurring in each calendar quarter. Model at least three days from each class in each quarter.

## 2002 [PM<sub>2.5</sub>] St. Louis area

◆ Blair St    ◆ Clayton AS    ▲ Arnold



# Blair St. PM2.5 Speciation




# Proposed PM2.5 Episodes



- Jan 28 - Feb 11, 2002
- June 7 - 22, 2002
- July 3 - 17, 2002
- Dec 3 - 17, 2002

# Proposed Ozone/PM2.5 Episodes (at 10/28 meeting)



- Jan 28 - Feb 11, 2002
- June 15 - 24, 2002
- July 10 - 16, 2002
- Aug 19 - 27, 2003